

5(3)

AUTHOR:

Pliyev, T. N.

SOV/20-125-5-25/61

TITLE:

On the Investigation of the Conformation Equilibrium
in the Series of Trans-1.2-dihalogen Cyclohexanes
(K issledovaniyu konformatsionnogo ravnovesiya v
ryadu trans-1.2-digaloidotsiklogeksanov)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 125, Nr 5,
pp 1044-1047 (USSR)

ABSTRACT:

The substituents in the molecules of trans-1.2-disubstituted cyclohexane derivatives may have either equatorial (ee) or axial (aa) positions. These two conformations may pass over into each other by the conversion of the cyclohexane ring. The determination of the most stable conformations of the molecules under different conditions is made possible by the investigation mentioned in the title. The authors succeeded in proving (Refs 1 - 6) that the aforementioned halogen derivatives of cyclohexane are contained in the vapor phase as well as in solutions as equilibrium mixtures of the diequatorial and diaxial conformation. It was interesting to determine the concentration of the individual molecular

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forms in the solution in dependence of temperature and the type of the solvent, and, furthermore, the energy differences of these forms. In the present paper the method of the dipole moments was used for the determination. For this purpose trans-1.2-dichloro-cyclohexane, trans-1.2-dibromo-cyclohexane and trans-1.2-chloro-bromo-cyclohexane, synthesized according to previously described methods (Refs 5, 6, 8), were solved in benzene or carbon tetrachloride. The dielectric permeability was measured by means of the pulsation method. The polarization was computed according to the equation of J. F. Halverstadt - W. D. Kumler (Ref 9).

The equation $\mu = 0.0128 \sqrt{(P_{2\infty} - P_E - P_A) T}$ served the

purpose of computing the dipole moments. The molecular polarization $P_{2\infty} = M_2 \cdot P_{2\infty}$ (M_2 denotes the molecular weight of the dissolved substance). Table 1 contains the dielectric permeabilities and the densities of the solutions, table 2 the obtained values of the dipole moments. Table 2 shows

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in the Series of Trans-1.2-dihalogen Cyclohexanes

that the dipole moment of trans-1.2-dichloro-cyclohexane almost does not depend on temperature within the range of 25 - 50°. On the other hand, the dipole moments of this derivative, which correspond to 25 - 50°, differ considerably from the dipole moment which was measured at 239° in the vapor phase (Ref 3). The moment measured in benzene also differs considerably from that in carbon tetrachloride. The same holds for trans-1.2-dibromo-cyclohexane and trans-1,2-chloro-bromo-cyclohexane in the two above-mentioned solvents. On the strength of the dipole moments observed concentrations of the 1e2e- and 1a2a-form of dihalogen cyclohexanes could be determined in various solutions. The

equation $\mu^2 = (N_e \mu_e^2 + N_a \mu_a^2) / (N_e + N_a)$ (1) was employed

hereto. N_e and N_a denote the number of molecules of the 1e2e- and 1a2a-form, μ_e and μ_a the corresponding dipole

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On the Investigation of the Conformation Equilibrium
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moments. Table 3 contains the computation results. C_e and C_a denote the molar ratios of the two forms. This shows that the molar ratio of the 1e2e-form for various trans-compounds dissolved in benzene is reduced in the following order:
 $\text{trans-1.2-C}_6\text{H}_{10}\text{Cl}_2 > \text{trans-1.2-C}_6\text{H}_{10}\text{ClBr} > \text{trans-1.2-C}_6\text{H}_{10}\text{Br}_2$.
These data illustrate a definite dynamic equilibrium between the two above-mentioned configurations. In conclusion, the different stability of the two forms in benzene, CCl_4 , and n-heptane is derived from the energy differences and compared. There are 3 tables and 9 references.

ASSOCIATION: Yakutskiy gosudarstvennyy universitet (Yakutsk State University)

PRESENTED: December 26, 1958, by M. I. Kabachnik, Academician

SUBMITTED: December 26, 1958

Card 4/4

PLIYEV, T.N.

Dipole moments and conformation equilibrium of α -halocyclohexanones. Zhur.fiz.khim. 35 no.9:2144-2146 '61. (MIRA 14:10)

1. Akademiya nauk USSR, Institut polimerov i monomerov.
(Cyclohexanone—~~Dipole moments~~)

AUTHOR:

Pliyev, T. N.

SOV/76-32-7-42/45

TITLE:

The Dependence of the Quantum Yield in the Reaction of the Photochlorination of Benzene Upon the Wave Length of the Irradiation Bands (Zavisimost' kvantovogo vykhoda reaktsii fotokhlorigovaniya benzola ot dliny volny izlucheniya)

PERIODICAL:

Zhurnal fizicheskoy khimii, 1958, Vol 32, Nr 7, pp. 1688 - 1689 (USSR)

ABSTRACT:

The above mentioned function was for the first time investigated by Noyes et al. (Ref 1) for two wave lengths, next Ueda (Ref 2) dealt with this problem, and now the present paper determines the quantum yield at wave lengths of 3130, 3650, 4050, 4360, 5460 and 5780 Å. A selenium photoelement and a spectrophotometer SE -4 as well as a quartz reactor were used; the author also used the corresponding light filters. In the investigations benzene was either saturated up to 10% with chlorine and then irradiated, or it was chlorinated at 25°C for 35 minutes. The $C_6H_5Cl_6$ isomers were determined after the distilling-off of the not reacted benzene in vacuum according to the infrared spectrophotographic method, or in the case of the α- and γ-iso-

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The Dependence of the Quantum Yield in the Reaction of the Photochlorination of Benzene Upon the Wave Length of the Irradiation Bands SOV/76-32-7-42/45

mers also chromatographically. The results obtained are given in a table and it is found that they deviate from those obtained by Ueda. It is found that the well-known chain mechanism of the reaction is substantiated also with the wave lengths used, the greatest intensity of the reduction being found at $\lambda = 3130 \text{ \AA}$ and the lowest at $\lambda = 5460 \text{ \AA}$. At $\lambda = 5780 \text{ \AA}$ no photochlorination of benzene takes place. Finally the author thanks A.N.Terenin and G.A.Korsunovskiy. There are 1 table and 3 references, 1 of which is Soviet.

ASSOCIATION: Yakutskiy gosudarstvennyy universitet (Yakutsk State University)

SUBMITTED: December 22, 1957

1. Benzenes--Chlorination
2. Benzenes--Effects of radiation
3. Benzenes--Spectra
4. Spectrophotometers--Applications

Card 2/2

SOV/81-59-9-30134

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 9, pp 9 - 10 (USSR)

AUTHOR: Pliyev, T.N.

TITLE: The Structure of Some Molecules in a Series of Stereoisomerism of
Cyclohexane Derivatives

PERIODICAL: Uch. zap. Yakutskogo un-ta, 1958, Nr 4, pp 23 - 38

ABSTRACT: With the aid of studying the structure of α -, β - and γ -isomers of 1,2-dibromo-3, 4, 5, 6-tetrachlorocyclohexane (I) their dipole moments in benzene solutions have been determined and the electronographic investigation of their configuration in the gaseous state has been carried out. The dipole moments of α -, β - and γ -isomers are 1.87, 0.3 and 2.64 D, respectively; the electronographic investigation shows that the cyclohexane ring in all three molecules has the form of an "armchair". The number of the various possible three-dimensional configurations of I has been calculated.

O. Ptitsyn

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SOV/81-59-9-30233

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 9, p 25 (USSR)

AUTHOR: Pliyev, T.N.

TITLE: The Structure of Three-Dimensional Isomers of 1, 1, 2, 3, 4, 5, 6-Heptachlorocyclohexane ¹

PERIODICAL: Uch. zap. Yakutskogo un-ta, 1958, Nr 4, pp 39 - 43

ABSTRACT: With the aim of studying the structure of three-dimensional isomers of "armchair"-shaped 1, 1, 2, 3, 4, 5, 6-heptachlorocyclohexane (I) the dipole moments μ of these isomers in benzene solution have been investigated. For six isomers of I, α , β , δ , ϵ , ξ and η the μ values (in D) have been obtained which are 1.19; 1.32; 2.20; 2.21; 1.48 and 0.92, respectively. The comparison of the experimental μ values with the values calculated for various isomers shows that the position of the Cl atoms in the six known isomers of I is determined by the following configurations α -ea.e.e.e.e.e, β -ea.e.e.e.e.a, δ -ea.e.e.a.a.e, ϵ -ea.e.e.e.a.a, ξ -ea.e.e.a.e.e, η -ea.e.a.e.e.a.

O. Ptitsyn

Card 1/1

PLIYEV, T. N.

PLIYEV, T. N. "Investigation of the Formation of Hexachlorocyclohexane in the Photochlorination of Benzene as a Function of Various Physicochemical Factors." Moscow State U ineni M. V. Lomonosov. Chair of Physical Chemistry. Moscow, 1956. (Dissertation for Degree of Candidate in Chemical Science)

So: Knizhaya Letopis', No. 17, 1956.

PETROSYAN, I.S.; PLIYVA, Ye.D.

Infection of the central nervous system with mumps virus. *Pediatrics*
no.5:89 8-0 '54. (MIRA 7:12)

1. Iz Azerbaydzhanskogo nauchno-issledovatel'skogo instituta
okhrany materstva i detstva v Baku (dir. K.Ya.Faradzheva)

(MENINGITIS, bacteriology,

mumps virus)

(MENINGOENCEPHALITIS, bacteriology

mumps virus)

(MUMPS, complications,

meningitis & meningoencephalitis)

PLISZKOWA, ANNA

Dlaczego badamy mieso; dlaczego swanie przed ubojem a mmeso swin po uboju nalezy dawac do badania. (Why we inspect meat; why we must subject slaughter pigs as well as meat to inspection.)

Monthly Index of East European Accessions (EEAI) IC, Vol, 8, no. 1 Jan 59

PLIVA, L.

"Economical welding of concrete reinforcements."

INZENYRSKE STAVBY, Praha, Czechoslovakia, Vol. 7, No. 6, June 1959.

Monthly List of East European Accessions (EEAI), IC, Vol. 8, No. 9, September 1959.

Unclassified.

Plizov, A.K.

USSR/Organic Chemistry. Synthetic Organic Chemistry. E-2

Abs Jour : Ref Zhur - Khimiya, No. 8, 1957, 26708

Author : Plizov, A.K.; Kostyuk, A.P.;
Hogatskaya, Ye.D.

Inst : Odessa University.

Title : To The Question of Synthesis of Angelic
and Tiglinic Acids and Their Esters.

Orig Pub : Tr. Odessk. un-ta, 1956, 146, Ser. khim. n.,
No. 5, 27 - 31.

Abstract : Tiglinic acid (I) was synthesized by dehydra-
tion of α -methyl- β -oxybutyric acid (II).
Angelic acid (III) mixed with I was obtained
by dehydration of methylethyl- α -oxyacetic
acid (IV). 50 mlit of $\text{CH}_3\text{COCHCH}_3\text{COOC}_2\text{H}_5$ is
dissolved in a mixture of 150 mlit of water
with alcohol and acidifying with 10% solution

Card 1/3

CZECHOSLOVAKIA/Cultivated Plants - Fruits. Berries.

M

Abs Jour : Ref Zhur Biol., No 18, 1958, 82456

Author : Plhak Frantisek, Sladky, Zdenek

Inst : Masaryk University

Title : Utilization of Pre-Planting Treatment of the Seeds by
Mokin as Method for Sugar Beet Seeds.

Orig Pub : Spisy vyd. prirodoved. fakl, Masarykovy univ., 1957,
No 5, 267-278

Abstract : The sugar beet seeds were dipped in the extract from the
meal of other plants (wheat, barley, pea and corn) but
not from the plants of the same species. This treatment
was combined with the extraction of the pericarp with wa-
ter, awakening the embryo and the subsequent drying of
the seeds. The acceleration in the growth of the plants
after such treatment is explained chiefly by the

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CZECHOSLOVAKIA/Cultivated Plants - Fruits. Berries.

M

Abs Jour : Ref Zhur Biol., No 18, 1958, 82456

extraction of the pericarp with water in combination
with the dipping in the extracts from the meal.
Experiments were conducted in vegetal pots at the
Institute of Plant Physiology of the University in Brno
(Czechoslovakia). -- N.I. Orlovskiy

Card 2/2

PLJAKIC, M.

"New Discoveries of Pontocaspian Amphipoda, Pontogammarus Obesus (G. O. Sars), in the Middle Danube" p. 131.
(ARHIV BIOLOSKIH NAUKA, Vol. 3, No. 3/4, November, 1951, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, Library of Congress, Vol. 2,
No. 10, October, 1953, Unclassified

PLJANOWSKI, E.

"Outline of dairy chemistry and technology. 1st ed."

p. 576 (Warszawa, Państwowe Wydawn. Rolnicze i Leśne, 1957, Warsaw, Poland)

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, No. 1, Jan. 59.

1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCESSES AND PROPERTIES INDEX																			
The Problem of Pressure-Casting of Articles with High Mechanical Properties. V. M. Pijackij (<i>Liternoe Delo (Foundry Practice)</i>, 1968, (8), 21-24).— [In Russian.] For the pressure-casting of aluminium alloys, piston-machines are recommended because of the higher mechanical properties of the manufactured articles. The conditions of working and compositions of alloys are given.—N. A.																			
ASB.SLA METALLURGICAL LITERATURE CLASSIFICATION																			

1ST AND 2ND ORDERS												3RD AND 4TH ORDERS											
PROCESSES AND PROPERTIES INDEX																							
M 13 The Influence of Silicon on Aluminium in the Presence of Other Elements. V. M. Eljashiy (<i>Letskoe Delo (Foundry Practice), 1968, (3), 35-37</i>).—[In Russian.] The influence of silicon on the casting properties of aluminium is discussed with reference to the reduction of shrinkage cavities, internal stress, and heat capacity.—N. A.																							
ASAC 51.6 METALLURGICAL LITERATURE CLASSIFICATION												6-27-68-1000											
10000 51.6.1000												10000 51.6.1000											
10000 51.6.1000												10000 51.6.1000											

13

Rationalization and Normalization of Die-Casting Moulds. V. M. Pjashly.
(*Litinaia Doka (Foundry Practice)*, 1968, (3), 24-28).—[In Russian.] The
rationalization and normalization of die-casting moulds and their various
components are examined. Examples are given of rationalization measures
and structural alterations in the dies, cores, ejectors and cutters, &c.—N. A.

ASO-3LA METALLURGICAL LITERATURE CLASSIFICATION

GROUPS: A B C D E F G H I J K L M N O P Q R S T U V W X Y Z AA AB AC AD AE AF AG AH AI AJ AK AL AM AN AO AP AQ AR AS AT AU AV AW AX AY AZ BA BB BC BD BE BF BG BH BI BJ BK BL BM BN BO BP BQ BR BS BT BU BV BW BX BY BZ CA CB CC CD CE CF CG CH CI CJ CK CL CM CN CO CP CQ CR CS CT CU CV CW CX CY CZ DA DB DC DE DF DG DH DI DJ DK DL DM DN DO DP DQ DR DS DT DU DV DW DX DY DZ EA EB EC ED EE EF EG EH EI EJ EK EL EM EN EO EP EQ ER ES ET EU EV EW EX EY EZ FA FB FC FD FE FF FG FH FI FJ FK FL FM FN FO FP FQ FR FS FT FU FV FW FX FY FZ GA GB GC GD GE GF GG GH GI GJ GK GL GM GN GO GP GQ GR GS GT GU GV GW GX GY GZ HA HB HC HD HE HF HG HH HI HJ HK HL HM HN HO HP HQ HR HS HT HU HV HW HX HY HZ IA IB IC ID IE IF IG IH II IJ IK IL IM IN IO IP IQ IR IS IT IU IV IW IX IY IZ JA JB JC JD JE JF JG JH JI JJ JK JL JM JN JO JP JQ JR JS JT JU JV JW JX JY JZ KA KB KC KD KE KF KG KH KI KJ KL KM KN KO KP KQ KR KS KT KU KV KW KX KY KZ LA LB LC LD LE LF LG LH LI LJ LK LL LM LN LO LP LQ LR LS LT LU LV LW LX LY LZ MA MB MC MD ME MF MG MH MI MJ MK ML MN MO MP MQ MR MS MT MU MV MW MX MY MZ NA NB NC ND NE NF NG NH NI NJ NK NL NO NP NQ NR NS NT NU NV NW NX NY NZ OA OB OC OD OE OF OG OH OI OJ OK OL OM ON OO OP OQ OR OS OT OU OV OW OX OY OZ PA PB PC PD PE PF PG PH PI PJ PK PL PM PN PO PP PQ PR PS PT PU PV PW PX PY PZ QA QB QC QD QE QF QG QH QI QJ QK QL QM QN QO QQ QR QS QT QU QV QW QX QY QZ RA RB RC RD RE RF RG RH RI RJ RK RL RM RN RO RP RQ RR RS RT RU RV RW RX RY RZ SA SB SC SD SE SF SG SH SI SJ SK SL SM SN SO SP SQ SR SS ST SU SV SW SX SY SZ TA TB TC TD TE TF TG TH TI TJ TK TL TM TN TO TP TQ TR TS TT TU TV TW TX TY TZ UA UB UC UD UE UF UG UH UI UJ UK UL UM UN UO UP UQ UR US UT UU UV UW UX UY UZ VA VB VC VD VE VF VG VH VI VJ VK VL VM VN VO VP VQ VR VS VT VU VW VX VY VZ WA WB WC WD WE WF WG WH WI WJ WK WL WM WN WO WP WQ WR WS WT WU WV WW WX WY WZ XA XB XC XD XE XF XG XH XI XJ XK XL XM XN XO XP XQ XR XS XT XU XV XW XX XY XZ YA YB YC YD YE YF YG YH YI YJ YK YL YM YN YO YP YQ YR YS YT YU YV YW YX YY YZ ZA ZB ZC ZD ZE ZF ZG ZH ZI ZJ ZK ZL ZM ZN ZO ZP ZQ ZR ZS ZT ZU ZV ZW ZX ZY ZZ

1ST AND 2ND ORDERS												3RD AND 4TH ORDERS											
PROCESSES AND PROPERTIES INDEX																							
M 13 Crystallization Under Pressure in Chill Moulds. V. M. Eliskin (<i>Litvinov Delo (Foundry Practice)</i>, 1933, (12), 25-28).—[In Russian.] Casting is done in the usual way into a composite chill mould enclosed in an outer casing. After filling, the chill mould is transferred to a hydraulic press. A cast iron piston is placed on the surface of the metal in the gate and pressure is applied throughout the period of solidification (1-8 minutes). The process is applicable to shaped castings and to the casting of ingots of any size and of any alloy, including cast iron.—N. A.																							
ASM-A.I.A. METALLURGICAL LITERATURE CLASSIFICATION																							
SOURCE SYMBOLS												SOURCE SYMBOLS											
SOURCE #1												SOURCE #2											
SOURCE #3												SOURCE #4											

17 AND 18 COLUMNS										32 AND 33 COLUMNS									
PRECISES AND PROPERTIES INDEX										PRECISES AND PROPERTIES INDEX									
B-I-3										B-I-3									
Petroleum from Chasovnich Gorskoy. I. V. Petrovsk and V. G. Prishvin (J. Chem. Ind. Russia, 1936, 6, 776-779).—The oil contained C 83.86, H 10.17, S 4.08, N 0.33, O 2.65%, and had d_{4}^{20} 0.8648, n_{D}^{20} 1.4508. CHEMICAL ABSTRACTS.										Petroleum from Chasovnich Gorskoy. I. V. Petrovsk and V. G. Prishvin (J. Chem. Ind. Russia, 1936, 6, 776-779).—The oil contained C 83.86, H 10.17, S 4.08, N 0.33, O 2.65%, and had d_{4}^{20} 0.8648, n_{D}^{20} 1.4508. CHEMICAL ABSTRACTS.									
ASB-31A METALURGICAL LITERATURE CLASSIFICATION										ASB-31A METALURGICAL LITERATURE CLASSIFICATION									
FROM STONEISLAND										FROM STONEISLAND									
SIGNED BY CHY CHL										SIGNED BY CHY CHL									
SIGNED BY CHY CHL										SIGNED BY CHY CHL									

PLKROVSKAYA, L.A.,

N. P. AGRANENKO, Proizvodstvo Nitrolakov i Nitroemali
(Production of Nitrolacquer and Nitroenamel) Moscow-
Leningrad: Goskhimizdat. 1948, 136pp. 4r., 70 kopecks.

SAVULESCU, Alice; PLOAIE, P.

Some new viroses in the flora of Rumania. Comunicarile AR 11 no.5:
579-586 My '61.

1. Membru corespondent al Academiei R.P.R. (for Savulescu)

STEOPOE, I.; SAVULESCU, A.; PLOATE, P.

Changes of the cell kernel in the polyhedrosis of the larvae of leucoma (Stilpnotia) salicis L. Rev biol 6 no.4:411-424 '61.

1. Naturwissenschaftliche Fakultät der Universität "C. I. Parhon" und Institut für Biologie "Traian Savulescu" der Akademie der Rumänischen Volksrepublik. 2. Korrespondierendes Mitglied der Akademie der Rumänischen Volksrepublik, Rédacteur en chef, "Revue de biologie" (for Savulescu).

Ploaie, P

SAVULESCU, A. I. G.
SURNAME (in caps); Given Name

2

Country: Romania

Academic Degrees: --

Affiliation Corresponding Member of the Academy of the R.P.R. (Academia
R.P.R.)

Source: Bucharest, Comunicarile Academiei Republicii Populare Romine,
No 5, 1961, pp 579-586.

Date:
"Some Viruses That Are New In the Romanian People's Republic."

Co-author:

PLOAIE, P.

PLOAIE, P.

Application of the carbon replica method in the electron microscope study of biological preparations. Rev biol 8 no.2:229-231 '63.

1. Institut de Biologie Traian Savulescu de l'Academie de la R.P.R., Laboratoire des virus et bacteries.

BUCUR, Elena; PLOAIE, P.G.

Biological and morphologic research on the bacteriophage of the Xanthomonas pruni (E.F.Smith) Dows bacteria. Studii cerc biol. s. bot 16 no. 3:243-247 '64.

1. Laboratory of Phytopathology and Microbiology, "Traian Savulescu" Institute of Biology.

INSTRUMENTS AND EQUIPMENT

RUMANIA

PLOAIE, P. G., Researcher, Bucharest [affiliation not given]

"The Electron Microscope. Research Methods and Progress."

Bucharest, Natura. Seria Biologie, Vol 18, No 2, Mar-Apr 66,
pp 23-31.

Abstract: The author describes helpful techniques for the preparation of specimens for observation under the electron microscope, with emphasis on the preparation of ultra-thin samples. The usefulness of electron microscopy in all branches of biological research is also emphasized, and examples of new knowledge gained with the aid of the instrument are cited from the various biological sub-branches. Includes 5 figures and 32 references, of which 3 are Romanian, one German, 25 English-language and 3 other Western.

1/1

SAVULESCU, Alice; PLOASIE, P.

Is the clover phyllode of Rumania a virosis of the stolbur group?
Comunicările AR 11 no.11:1357-1363 N '61.

1. Membru corespondent al Academiei R.P.R.(for Savulescu)

MIGAL', P.K.; PLOAYE, K.I.

Complex compounds of silver with ethanolamine in water-alcohol solutions. Zhur.neorg.khim. 10 no.11:2517-2521 N '65.

(MIRA 18:12)

I. Kishinevskiy gosudarstvennyy universitet. Submitted April 21, 1964.

PLCC, S.

On the problem of storing and cumulation of 3,4-benzopyrene
in mice lungs. Cesk. hyg. 8 no.6:328-332 JI '63.

1. Katedra obecné a komunální hygieny lékařské fakulty hygienické
KU, Praha.

(BENZOPYRENES) (LUNG NEOPLASMS)

Ploc, S.

Bib

PERSONS, Given Names

Country: Czechoslovakia

Academic Degrees:

Affiliation:

Source: Czechoslovak Hygiene, Vol V, No 2-3, Prague, Mar 60, p 136.

Dates:

Ploc, S.

Affiliation: Board of Chairmen of Public and Municipal Hygiene, comprised of the Hygiene and Medical Faculty, Prague.

Dates: Co-author of "Persistence of J.4 Bannaprene in the Lungs of Mice." Source, p. 136

DVOŘÁKOVÁ, A.

Affiliation: Board of chairmen of public and municipal hygiene comprised of the hygiene and medical faculty in Prague.

Dates: Co-author of "Persistence of J.4 Bannaprene in the Lungs of Mice," Source, p 136.

SYMON, K.

Academic Degrees: MD, Doctor.

Affiliation: Chairman of the Board of Chairmen of Public and Municipal Hygiene, comprised of the Hygiene and Medical Faculty, Prague.

PLOCEK, Frantisek, inz.

Conference of swine breeders, cooperation between research and the agricultural practice. Vest ust zemedel 11 no.10:419-422 '64.

From the meeting of the Scientific Council of the Research Institute of Swine Breeding in Kostelec nad Orlici. Ibid.:422-423

PLOCEK, Frantisek, inz.

Meeting of the Scientific Council of the Research Institute
of Swine Breeding in Kostelec nad Orlici. Vest ust zemedel
ll no.2/3:88-89 '64.

PLOCEK, Frantisek, inz.

From the conference of the Scientific Council of the Research
Institute for Swine Breeding. Vest ust zemedel 10 no.10/11:
384-336 '63.

PLOCEK, Frantisek, inz.

Activities of the Swine Breeding Research Institute.
Vestník výzk. zeměděl. 9 no.7:372-380 '62.

1. Výzkumný ústav pro chov prasat, Kostelec nad Orlicí.

PLOCEK, Frantisek, inz.

Conversation with D.M.Moskalenko. Vestnik vyzk zemedel 9
no.9:440 '62.

PLOCEK, Frantisek, inz.

Solved research tasks concerning swine breeding. Vestnik vyzk
zemedel 9 no.9:435-439 '62.

1. Vyzkumny ustav pro chov prasat, Kostelec nad Orlici.

PLOCEK, Frantisek, inz.

Solved tasks concerning swine breeding. Vestnik vyzk zemedel 9 no.8:382-384 '62.

1. Vyzkumny ustav po chov prasat, Kostelec nad Orlici.

PLCCEK, F.

"Our contribution to the improvement in the breeding and fattening
of swine."

p. 255 (Vestnik, Vol. 5, no. 5, 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 9,
September 1958

Plocek, F.

AGRICULTURE

Solved problems in the Research Institute for Farm Animal Breeding of the Czechoslovak
Academy of Agricultural Sciences. p. 500.

Vol. 5, no. 9, 1958

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, No. 4, April 1959

PLOCEK, F.

Results of work in the Research Institute of Swine Breeding. p. 155 (VESTNIK. Praha)
(Vol. 4, No. 3, 1957)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, No. 7, July 1957. Uncl.

PLOCEK, Frantisek, inženýr

Working group for the mechanization of agriculture of the European Economic Commission visiting the research establishment for swine breeding in Kostelec nad Orlicí. Vestník CSAZV 6 no.12:671 '59.
(EEAI 9:4)

1. Vyskumný ústav pro chov prasat Československé akademie zemědělských věd, Kostelec nad Orlicí.
(Czechoslovakia--Swine)

PLOCEK, Frantisek, inz.

Meeting of the Scientific Council of the Research Institute of
Swine Breeding in Kostelec nad Orlici. Vest ust zemedel 12 no.2:
83-85 '65.

1. Research Institute of Swine Breeding, Kostelec nad Orlici.

PLOCEK, L.

CZECHOSLOVAKIA/Chemical Technology: Chemical Products and
Their Application. Ceramics. Glass. Binding Materials.
(Concrete.

H-13

Abs Jour: Ref Zhur-Khin., No 2, 1959, 5412.

Author : Plocek, Ladislav.

Inst :

Title : Determination of Silver, Bismuth and Lead in Preparations
for Silvering Ceramics.

Orig Pub: Sklar a keramik, 1958, 8, No 6, 182.

Abstract: Methods of determination of Ag in preparation for silvering
ceramics with Complexon 3, as well as of Bi and Pb by
dyeing nitrate solutions with the same Complexon without
any preliminary elimination of Ag from the solution are
described. The precipitate of Ag is determined in the

Card : 1/2

PLOCEK, L.; KREJCHOVA, E.; KRUMML, J.

A further contribution to the analysis of aluminum oxide. p. 244.

SYLAR A KERAMIK. (Ministerstvo lehkého průmyslu) Praha, Czechoslovakia,
Vol. 9, no. 8, Aug. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 1,
Jan. 1960.

Uncl.

FLOCEK, L.

Analysis of special ceramic raw materials. II.
Analysis of barium oxide and strontium oxide.
p. 171. SKLAR A KERAMIK, (Ministerstvo lehkého
průmyslu) Praha. Vol 6, no. 7, July 1956.

SOURCE:

East European Accessions List, (EEAL),
Library of Congress. Vol 2, no. 12,
December 1955.

PLOCEK, L.

Analysis of special ceramic raw materials.
II. Analysis of barium oxide and strontium
oxide. (To be contd.) p. 145 SKLAR A.
KERAMIK. (Ministerstvo lehkeho prumyslu)
Praha.

SOURCE? East European Accessions List, (EEAL),
Library of Congress. Vol. 5, No. 12,
December 1976.

PLOCEK, L

Analysis of special ceramic materials.
I. Analysis of titanium oxide. p. 112.
SKLAR A KERAMIK, (Ministerstvo lehkého
průmyslu) Praha. Vol. 6, no. 5, May 1956.

SOURCE:

East European Accessions List, (EEAL),
Library of Congress. Vol. 5, no. 12,
December 1956.

PLOGEK, Ladislav



The analysis of special ceramic material. The analysis of titanium dioxide. Ladislav Plogek (Výzkumný ústav elektrochem. keramiky, Písek, Czech.). *Stla. a keramika* 6, 112-14 (1966). — TiO_2 is dissolved in hot H_2SO_4 and reduced with Zn amalgam. The resulting Ti(III) reduces an equiv. amt. of Fe(III) salt which is detd. with permanganate. Fe_2O_3 is esid. colorimetrically, and Sb_2O_3 is isolated by distn. and then polarographically detd. The gravimetric method was used for SO_3 and P_2O_5 . The interfering elements are bound with complexon III. P. S.

Handwritten notes and signatures:
 6000
 PM
 [Signature]

PL OČEK, LADISLAV

✓ The determination of silver and bismuth in the solution for silver plating of ceramic ware. Ladislav Plöcek (Výzkumný ústav elektrokem., Hradec Králové, Czech.). *Sklář a keramik* 5, 228-30 (1955).—The detn. is described of Ag and Bi in a soln. for Ag plating of ceramic ware for high-frequency utilization. Such a soln. of high d. contains 45 to 55% of colloidal Ag with B_2O_3 and org. substances in addn. A new method of ashing for removal of org. substances was developed. Ag was detd. electrochemically, gravimetrically, and volumetrically. The influence of Bi and B_2O_3 in the soln. is particularly discussed. 0 references. P. Schneider

Plocek, V.

Poland/Analytical Chemistry - Analysis of Inorganic Substances, G-2

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 1265

Author: Plocek, V.

Institution: None

Title: Analysis of Special Types of Ceramic Raw Materials. I. Determination of Titanium Oxide

Original

Periodical: Sklar a keramik, 1956, Vol 6, No 5, 112-114 (published in Polish)

Abstract: The determination of TiO_2 is carried out with the utilization of Zn-amalgams. The determination of Fe_2O_3 impurities is made with HF and H_2SO_4 . Sb_2O_3 is determined by using $TiCl_3$ in a mixture of H_2SO_4 and $(NH_4)_2SO_4$; SO_2 and P_2O_5 are determined by the use of complexing agents.

Card 1/1

KOZIK, M.; PLOCH, E.

~~WYKAZ PRZYPADÓW~~
Subcranial meningioma simulating Villaret's syndrome. Neur. &c. polska
8 no.4:487-492 July-Aug 58.

1. Z Kliniki Neurologicznej A. M. W Poznaniu Kierownik: Prof. dr. A
Dowzenko z II Kliniki Chirurgicznej A. M. W. Poznaniu Kierownik prof.
dr. R. Drews. Adres: Poznan ul. Samuela Engla 19 m. 3.

(MENINGIOMA, differ. diag.

subcranial, from Villaret's synd. (Pol))

(IARYNX, dis.

Villaret's synd., differ. diag. from subcranial meningioma
(Pol))

PLOCH, Remigiusz

Ureterovaginosigmoidal fistula. Pol. przegl. chir. 37 no.4:
Suppl.:453-460 Ap'65.

1. Oddzial Urologiczny Centralnego Szpitala Kolejowego w
Warszawie-Miedzylesiu (Ordynator Oddzialu: doc. dr. med.
A. Wigura; Dyrektor Szpitala: dr. med. K. Kaminski).

JANKOWSKA, Krystyna; PLOCHARESKI, Lech

Numerous umbilical knots as a cause of fetal death. Cinek.
Pol. 35 no.5:737-739 S - O '64

1. Z Oddzialu Ginekologicznego Szpitala imeni dr. H. Wolf w
Lodzi (Ordynator (Oddzialu: dr. med. W. Wagrowski).

PLOCHOCKA, Krystyna

Epoxide plasticizers. Pt. 2. Polimery tworzyw wielk 8 no.2:
48-52 F '63.

1. Instytut Tworzyw Sztucznych, Warszawa.

PLOCHOCKI, Andrzej

Problems of rheometry of molten polymers. Pt.2. Polimery
tworzą wielk 9 no.10:401-405 0 '64.

1. Laboratory of Polyolefins of the Department of Processing
Technology of the Institute of Plastics, Warsaw.

PLOCHOCKI, Andrzej

Modification of polyolefins. Pt.3. Polimery tworzywa wielk 10 no.1:
23-32 Ja '65.

1. Laboratory of Olefins of the Institute of Plastics, Warsaw.
Submitted March 20, 1964.

S/081/62/000/016/024/043
B168/B186

AUTHORS: Bojarski, Jerzy, Płochocki, Andrzej

TITLE: Properties, processing and use of polyethylene mixtures.
Part II

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 16, 1962, 517, abstract
16P19 (Tworzywa wielkocząsteczkowe, v. 6, nos. 7-8, 1961,
230-237 [Pol.])

TEXT: The authors describe the rolling, stabilization, coloring and mechanical properties (tensile strength, bending strength and elongation) of multiple batches of high-pressure polyethylene mixtures (Alkathene 7) and low-pressure polyethylene made in Poland. Measured results for characteristic viscosity and flow (according to ASTM D 1238-56T) are examined in detail. On the basis of the data obtained, polyethylene mixtures with varying properties were tested with a view to processing by extrusion, pressure molding and compacting. Part I see RZhKhim, 1962, 7P18. [Abstracter's note: Complete translation.] ✓

Card 1/1

PLOCHOCKI, Andrzej; BOJARSKI, Jerzy

Modification of the properties of polyolefins. Pt. 2. Polimery
tworze wielk 8 no.5:186-191 My '63.

1. Instytut Tworzyw Sztucznych, Zakład Technologii Przetworstwa,
Warszawa.

PŁOGHOCKI, Andrzej; BOJARSKI, Jerzy

Modification of the properties of olefins. Pt. 2. Polimery
tworz wielk 8 no.4:133-137 Ap '63.

1. Instytut Tworzyw Sztucznych, Zakład Technologii Przetworstwa,
Warszawa.

PLOCHOCKI, Andrezej

The modification of polyolefins. Polimery tworzą wielk 7
no.6:218-219 Je '62.

1. Pracownia Poliolefin, Instytut Tworzyw Sztucznych, Warszawa.

BOJARSKI, Jerzy; PLOCHOCKI, Andrzej

Polyethylene mixtures; their properties, manufacturing and application. Pt. 2. Tworzywa wielkocząst 6 no. 7/8:230-237
J1-Ag '61.

1. Zakład Konstrukcyjno-Mechaniczny, Instytut Tworzyw
Sztucznych.

KALISKI, S.; PLOCHOCKI, Z.; ROGULA, D.

The asymmetry of the stress tensor and the angular momentum conservation for a combined mechanical and electromagnetic field in a continuous medium. Bul Ac Pol tech 10 no.4:[189]-[195] '62.

1. Department of Vibrations, Institute of Fundamental Technical Problems, Polish Academy of Sciences, Warsaw. Presented by W.Nowacki.

PLOCHOCKI, Zbigniew, mgr

Metals from below the cold pole. Horyz techn 17 no. 2:
25-26 F '64.

PLOCHOCKI, Wbigniew, mgr.

Transistor as the dangerous competitor of the vacuum tube. Horyz
techn 15 no.11:9-11 '62.

PLOCHOCKI, Zbigniew, mgr

Transistor as a sharp competitor of the electronic vacuum
tube. Horyz techn 15 no.10:10-13 '62.

WIESNER, F., dr., inz.; PLOGICA, E., mgr., inz.

New heater coal mill of high output. Energetyka Pol 16 no.2:43-45
'62.

PLOCICA, Eryk, mgr inż.

New design of a deep earth electrode. Energetyka Pol:Suppl.:
Energo-pomiar 9 no.3:17-20 My '63.

1. Dział Elektryczny, Zakład Badan i Pomiarow, Warszawa.

PLOCIENNIK J.

POLAND/ Chemical Technology. Chemical Products and Their
Application - Fermentation industry

J-13

Abs Jour : Referat Zhur - Khimiya, No 2, 1958, 6165

Author : Plociennik Jan

Inst : ~~Not given~~

Title : Enhancing the Quality of Beer

Orig Pub : Przem. spozywczy, 1957, 11, No 5, 197-200

Abstract : Consideration of the organizational and technological
steps being taken in order to enhance the quality of beer
produced in Poland.

Card 1/1

PASZKIEWICZ, Alina; RUCZAJ, Zbigniew; KOWSZYK-GINDIFER, Zuzanna; WOZNICKA, Wanda; PLOCIENNIK, Zofia; NIEMCZYK, Hanna; KURYLOWICZ, Wlodzimierz

Studies on gramicidin I, a polypeptide antibiotic. I. Production and properties. Med.dosw.mikrob. 13 no.4:377-390 '61.

1. Z Instytutu Antybiotyków w Warszawie.

(ANTIBIOTICS pharmacol)

PŁOCIENNIK, Zofia; RUCZAJ, Zbigniew; KOWSZYK-GINDIFER, Zuzanna;
WOZNICKA, Wanda; NIEMCZYK, Hanna; PASZKIEWICZ, Alina

Oncostatin C. II. Chemical part. Med.dosw.mikrob. 13 no.1:52-62 '61.

1. Z Instytutu Antybiotyków w Warszawie.

(ANTIBIOTICS chem)

PLOCIENNIK, Zygmunt, inż.; KOSSOWSKI, Wladyslaw, inż.

Transportable apparatus for testing and controlling installations of central heating during the summer. Gosp paliw 11 Special issue no.(95):5-8 Ja '63.

1. Ministerstwo Gospodarki Komunalnej, Wydział Ciepłownictwa, Warszawa (for Plociennik). 2. Miejskie Przedsiębiorstwo Instalacyjne, Warszawa (for Kossowski).

PLOCKER, L.; SITKOWSKI, W.

Effect of morphine on radiologic picture and function of the stomach and duodenum. Polski tygod. lek. 8 no.31:1065-1073 3 Aug 1953.

(CML 25:4)

1. Of the Gastrological Clinic (Head--Prof. L. Plocker, M.D.) of Warsaw Medical Academy and of the Radiological Laboratory (Head--W. Sitkowski, M.D.) of Warsaw Municipal Hospital No.6.

PLOCKER, Leon; BIELECKA, Zofia; EILBAUM, Maks Michal; LEWICKY, Zdzislaw

Case of miliary tuberculosis of the liver diagnosed by biopsy.
Polski tygod. lek. 9 no.27:847-849 5 July 54.

1. z Kliniki Gastrologicznej Akademii Medycznej w Warszawie;
kierownik: prof. dr L.Plocker i z Zakladu Anatomii Patologicznej
Akademii Medycznej w Warszawie; kierownik: prof. dr L.Paszkiwicz.
(TUBERCULOSIS, MILIARY,
liver, diag., biopsy)
(TUBERCULOSIS, HEPATIC,
miliary, diag., biopsy)

EXCERPTA MEDICA Sec.2 Vol.10/7 Phy.Biochem. July 57

2804. PLOCKER L., DASZKIEWICZ S. and WITWICKI J. Klin. Gastrol. A. M., Warszawa. Polarograficzne badanie zawartosci cynku w surowicy osób zdrowych i osób chorych na nowotwory *Polarographic values for Zn content of the serum in normal and neoplasma-bearing individuals* Pol. Tyg. lek. 1956, 11/32 (1424—1426)

Zn was determined polarographically in the sera of 20 normal persons and 35 patients with cancer in various localizations. The values found were 0.30 to 50 mg./100 ml. in the controls and 0.60 to 1.1 mg./100 ml. in the cancer group. This suggests a relationship between the cancerous process and the serum Zn.

(II, 5, 16)

(Z KLINIKI GASTROLOGICZNEJ A. M. w WARSZAWIE; KIEROWNIK:
prof. dr. med. L. Plocker.) WARSZAWA, UL. GOSZCZYŃSKIEGO
I. KLINIKA GASTROLOG. A. M.

~~PLOCKER, Leon~~

To the memory of Dr. Antoni Tuchendler, the founder of Polish gastrology.
Polski tygod. lek. 13 no.21:810-811 26 May 58.

(OBITUARIES

Tuchendler, Antoni (Pol))

(GASTROENTEROLOGY

contribution of Antoni Tuchendler (Pol))

PLOCKER, Leon; HILBAUM, Michal; TRUCHANOWICZ, Zofia; MACIEREWICZ, Maria
BOHEWSKA, Hanna

Role of rectoromanoscopy in the diagnosis of bacillary dysentery
in children. Polski tygod. lek. 14 no.3:107-110 19 Jan 59.

1. Z Miejskiego Szpitala Zakaznego Nr 3 w Warszawie; dyrektor: dr
E. Pomerska i z Kliniki Gastologicznej w Warszawie; Kierownik Kliniki:
prof. dr L. Plocker. Adres: Warszawa; ul. Goszczynskiego Klin. Gastrol-
ogiczna.

(DYSENTERY, BACILLARY, in inf. & child
diag., rectoromanoscopy (Pol))

SITKOWSKI, Wacław; PLOCKER, Leon; SZYMANOWSKI, Jan

Successful x-ray treatment in ulcerative colitis. Pol. tyg. lek. 17
no.52:2040-2043 25 D '62.

1. Z Pracowni Radiologicznej Szpitala Miejskiego Nr 6, kierownik: dr
med. I. Pronaszko, konsultant; W. Sitkowski; z Kliniki Gastrologicznej,
kierownik: prof. dr med. L. Plocker i z II Kliniki Chirurgicznej
Studium Doskonalenia Lekarzy: kierownik: prof. dr med. J. Dryjski.
(COLITIS, ULCERATIVE)

PLOCHOCKA, Krystyna

Epoxide plasticizers. Pt.1. Polimery tworzą wielk 8 no.1:
4-7 Ja '63.

KALISKI, Sylwester; PLOCHOCKI, Zbigniew; ROGULA, Dominik

Asymmetric stress tensor and the angular momentum conservation law
in the equations of combined mechanical and electromagnetic field
in a continuous medium. Proceed vibr probl 3 no.3:253,260 '62.

1. Department of Vibrations, Institute of Basic Technical Problems,
Polish Academy of Sciences, Warsaw.

POLAND

SITKOWSKI, W., PLOCKER, L. and SZYMANOWSKI, J.; Radiological Laboratory, City Hospital No 6 (Z Pracowni Radiologicznej Szpitala Miejskiego Nr 6); The Gastrological Clinic (Z Kliniki Gastrologicznej); The Second Surgical Clinic, Department of Training of Physicians (Z II Kliniki chirurgicznej Studium Doskonalenia Lekarzy) (Warsaw).

"Successful X-ray Treatment in Ulcerative Colitis. Report of Three Cases."

Warsaw, Polski Tygodnik Lekarski, Vol 17, No 52, 24 Dec 62, pp 2040-2043

Abstract: / Authors' English summary modified / In the 3 severe cases of ulcerative colitis the irradiation of the abdomen was started after all the therapeutic possibilities had failed. One of the patients (a female, No. 2) was after left-side hemicolectomy; however, persistent diarrhea with large amount of blood-stained mucous-purulent excreta was observed. The X-ray treatment was successful in all three cases. A series of 12 irradiations to be performed twice a week (25r measured in air on the whole abdominal cavity at a distance of 80cm, the filter 0.5 Cu and 1.0 Al, the voltage 150 Kv), constitutes the suggested treatment. Six weeks after the series is finished 4-6 additional sessions should be performed at weekly intervals. The chest, spleen and in men the testicles were protected.

The article contains four photographs and one reference.

| 1/1

KOWSZYK-GINDEJER, Zuzanna; PASZKIEWICZ, Alina. FLOCJENNIK, Zofia;
NIEMCZAK, Hanna; RUCZAJ, Zbigniew; WOZNICKA, Wanda

Oncostation B(X) produced by Streptomyces sp., strain INA 16/58.
Med.dow.mikrob. 12 no.3:281-300 '60.

1. Z Instytutu Antibiotyków w Warszawie
(ANTIBIOTICS)
(STREPTOMYCES)

CA

The effect of quenching from the rolling temperature
on the properties of V-alloyed chrome-Mn steel. Akas
Legat and Erwin Hochhaus. *Berg. u. Hüttenmann.*
Jahrb. monsh. Hockhaus. Leoben 90, 119-20(1942);
Chem. Zentr. 1943, L 1716. — A study was made of the in-
fluence of hardening on the mech. properties (after
annealing) of a steel containing C 0.46%, Mn 0.7%, Si 0.20, P
0.014, S 0.018, Cu 1.07 and V 0.17%. Specimens were
quenched in oil either directly from the rolling or forging
temp. or in the usual manner, i. e., from 400° above the
dilatometrically detd. Ac₁ transition or from 200° above
the dilatometrically detd. Ac₃ transition. Specimens
quenched from the rolling or forging point and yield point
showed higher values of breaking temp. by the other 2 methods.
For good results, the temp. of hot working must not be
essentially higher than the Ac₃ transition point.
M. G. Moore

PLOCINSKI, H., mgr., eng.

Modern construction of a general cargo harbor shed. Tech. gosp
morska 10 no.3:81-82 '60. (EEAI 9:6)

1. Biuro Projektow Budownictwa Morskiego, Gdansk.
(Cargo handling)

PLOD, P.

Endometriosis. Voj.sdrav.listy 19 no.3-4:79-81 '50. (CIML 19:3)

1ST AND 2ND SERIES																										3RD AND 4TH SERIES																									
PROCESSES AND PROPERTIES INDEX																																																			
2170 Periarthritis and Its Treatment with X-Rays. P. Frattichy Lehar 28, 378-83(1948)(In Czech). The author reviews the etiology, pathological anatomy, symptoms and differential diagnosis of periarthritis, and evaluates different methods of therapy, regarding x-rays as the most successful. The x-rays were delivered at 160 kv through a 0.5 Cu filter at a target distance of 80 cm, and in doses of 100 r from 2 to 3 portals, every second day; acute cases received a smaller dose daily. The maximal total dose was 800 r, over a long period of time. Of the author's 78 cases, the majority (68) belonged to the group of periarthritis humerocapularis, the rest having affections of the elbow, radiocarpal joint, small digital joints, knee, and hip; 75% of cases with acute periarthritis humerocapularis became free from pain and gained free movement of the joint after one week of treatment, and 54% of the group of chronic periarthritis humerocapularis became symptomless after x-ray therapy.																																																			
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION																																																			
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PL0D P.

Cysticka onemocneni ledvin. [Cystic disease of the kidneys]
Voj. zdravot. listy 19:9-10 Sept-Oct 50 p. 242-3.

1. Of the Roentgenological Seminar of the Military Hospital in
Pilsen.
GLML Vol. 20, No. 2 Feb 1951

PRODOVITOV, N. N.

Dissertation: "Dynamic Phenomena in the Fixed Cable of a Cableway While Unloading Concrete From the Bucket." Cand Tech Sci, Leningrad Polytechnic Inst, Leningrad, 1953. (Referativnyy Zhurnal--Mekhanika, Moscow, Apr 54)

SO: SUM 243, 19 Oct 1954

ANAN'YEV, A.A.; PLODOVITOV, N.N.

Investigating vibrations of carrying ropes of cable cranes with
a suspended bin. Trudy LPI no.211:70-76 '60. (MIRA 13:11)
(Cranes, derricks, etc.--Vibration)

1700. Aminay, A. A., and Pledvily, N. N., Experimental arrangement for studying the oscillations of supporting ropes (in Russian), Tr. Leningr. politekhn. inst. no. 3, 9-16, 1954; Rev. no. 411, Rz. ZA. Math. 1956.

An experimental arrangement is described which models the transverse oscillation of a suspended rope. An example is examined of the choice of similarity conditions for the case of a perfectly elastic rope with attached ends, and a load concentrated in the middle of the span.

V. G. Bessonov, USSR

Courtesy of Referativnyi Zhurnal

Translation courtesy Ministry of Supply, England

Plodovskaya, L.A.
MASLOVA, A.S.; PLODOVSKAYA, L.A.

Gonadotropins and estrogens in normal and weak labor activity [with
summary in English]. Akush. i gin. 33 no.4:24-29 *Pl-Ag '57.*
(MIRA 10:11)

1. Iz Instituta akusherstva i ginekologii Ministerstva zdavo-
okhraneniya RSFSR (dir. L.G.Stepanov)

(GONADOTROPINS, physiol.

in normal & weak labor activity)

(ESTROGENS, physiol.

same)

(LABOR, physiol.

estrogen & gonadotropin activity in normal & weak labor
activity)

KAKUSHKINA, Ye.A.; PLODOVSKAYA, L.A.; MIRER, N.G.

Physiology of the development of offspring born from females
subjected to radiation injury in the embryonal period. Zhur.
ob. biol. 23 no.4:296-301 J1-Ag '62. (MIRA 15:9)

1. Iz laboratorii endokrinologii Instituta akusherstva i ginekologii
Ministerstva zdavookhraneniya RSFSR.

(X RAYS--PHYSIOLOGICAL EFFECT) (EMBRYOLOGY)

PIODOVSKAYA, L. A.

Result of utilization of *Rana temporaria* and *Rana ridibunda* in diagnosis of pregnancy during one year. Akush. gin. no.5:58-61 Sept-Oct 1953.

(CIML 25:4)

1. Of the Institute of Obstetrics and Gynecology (Director -- L. G. Stepanov), Ministry of Public Health USSR.

ПЛОДОВИТОВ, Н. Н.

USSR/ Miscellaneous - Technical literature

Card : 1/1

Authors : ...

Title : Abstracts of articles by their respective authors

Periodical : Vest. Mash., 34, Ed. 109, June 1954

Abstract : Abstracts of articles on the following subjects are presented by the respective authors: "Research of the process of the mechanical machining of grinding wheels" - Kudasov, G. F.; "Research of the properties of low-inertia dynamometers for measuring forces in the cutting of metal" - Voronin, A. A.; "Dynamic phenomena in the supporting rope of a cable crane during the loading of the bucket with concrete" - Plodovikov, N. H.; and "Research of the making of pressed materials with the application of intense cold" - Uspenskiy, V. L.

Institution : ...

Submitted : ...

DUKEL'SKIY, A.I.; PLODOVITOV, N.N.

Tensometering investigations of bending stresses in wires
of carrying cables. Trudy LPI no.236:54-61 '64. (MIRA 18:3)

PLODOWSKI, T.

TECHNOLOGY

PERIODICAL: PRZGLAD GEOLOGICZNY. Vol. 6, no. 3, Mar. 1958.

PLODOWSKI, T. The State Mining Council. p. 109.

Monthly List of East European Accessions (EEAI) LC Vol. 3, no. 4
April 1959, Unclass.

PIODOWSKI, T.

The Polish Mining Law and organization of the Polish mining administration. p. 585.

BANYASZATI, LAPOK. (Magyar Banyaszati es Kohaszati Egyesulet) Budapest, Hungary,
Vol. 14, no. 9, Sept. 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11, November 1959,
Uncl.